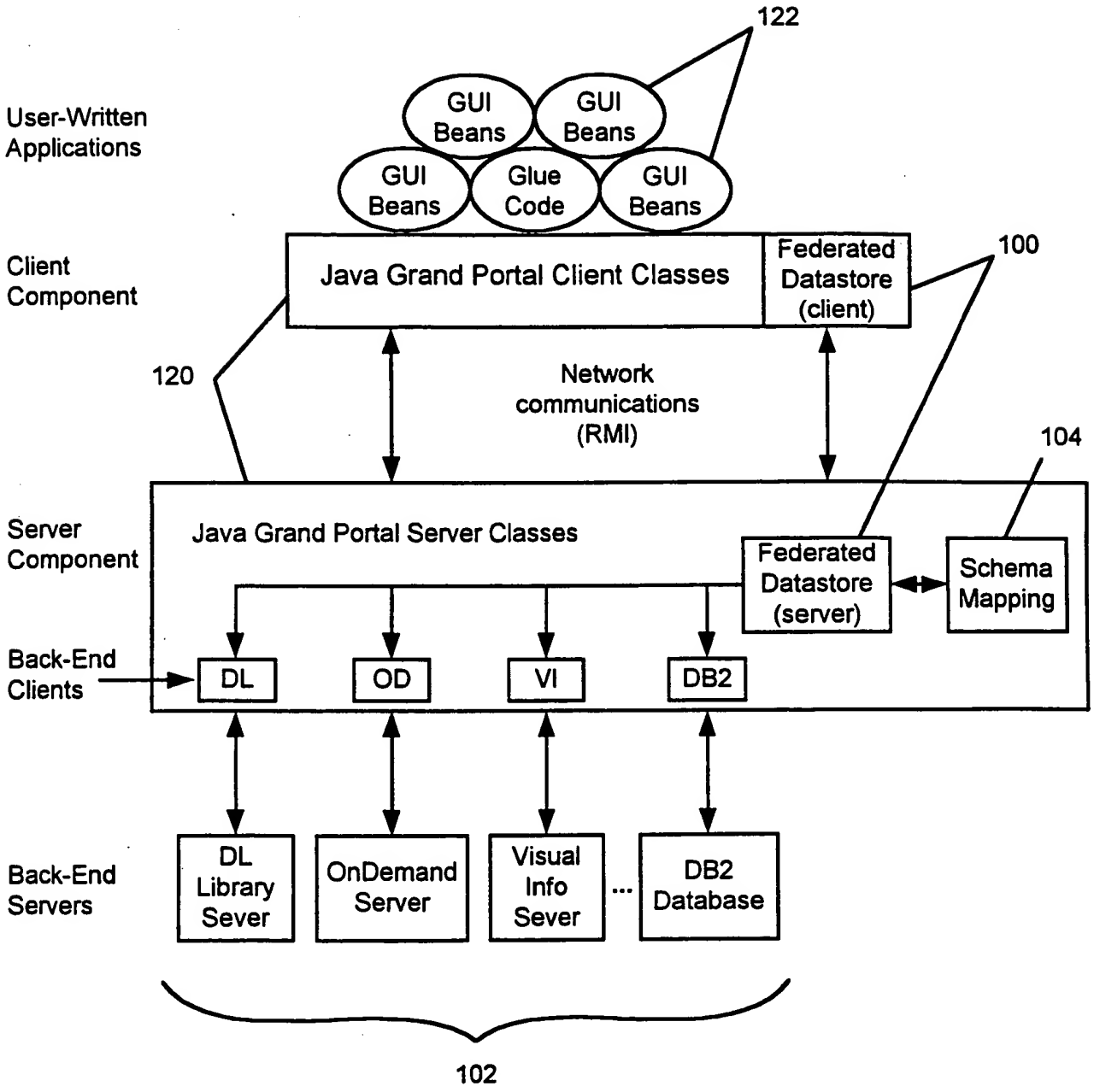
122
User-Written Applications
GUI Beans
GUI Beans
GUI Beans
Glue Code
GUI Beans
Client Component
Java Grand Portal Client Classes
Federated Datastore (client)
100
120
Network communications (RMI)
104
Server Component
Java Grand Portal Server Classes
Federated Datastore (server)
Schema Mapping
Back-End Clients
DL
OD
VI
DB2
Back-End Servers
DL Library Sever
OnDemand Server
Visual Info Sever
...
DB2 Database
102

FIG. 1

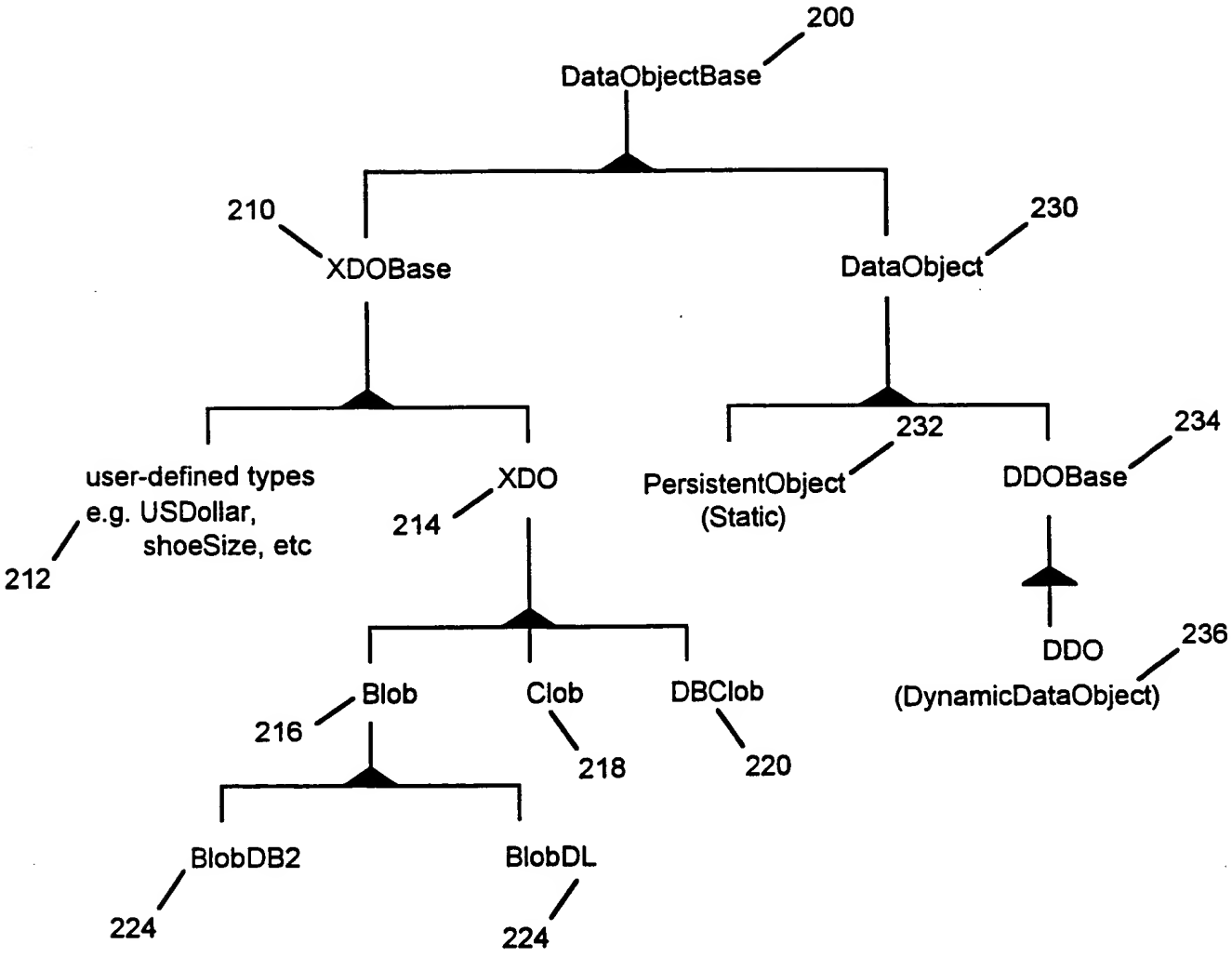
200
DataObjectBase
210
XDOBase
230
DataObject
user-defined types
e.g. USDollar,
shoeSize, etc
212
XDO
214
232
PersistentObject
(Static)
234
DDOBase
DDO
236
(DynamicDataObject)
Blob
216
Clob
218
DBClob
220
BlobDB2
224
BlobDL
224

FIG. 2

09927 "69405260

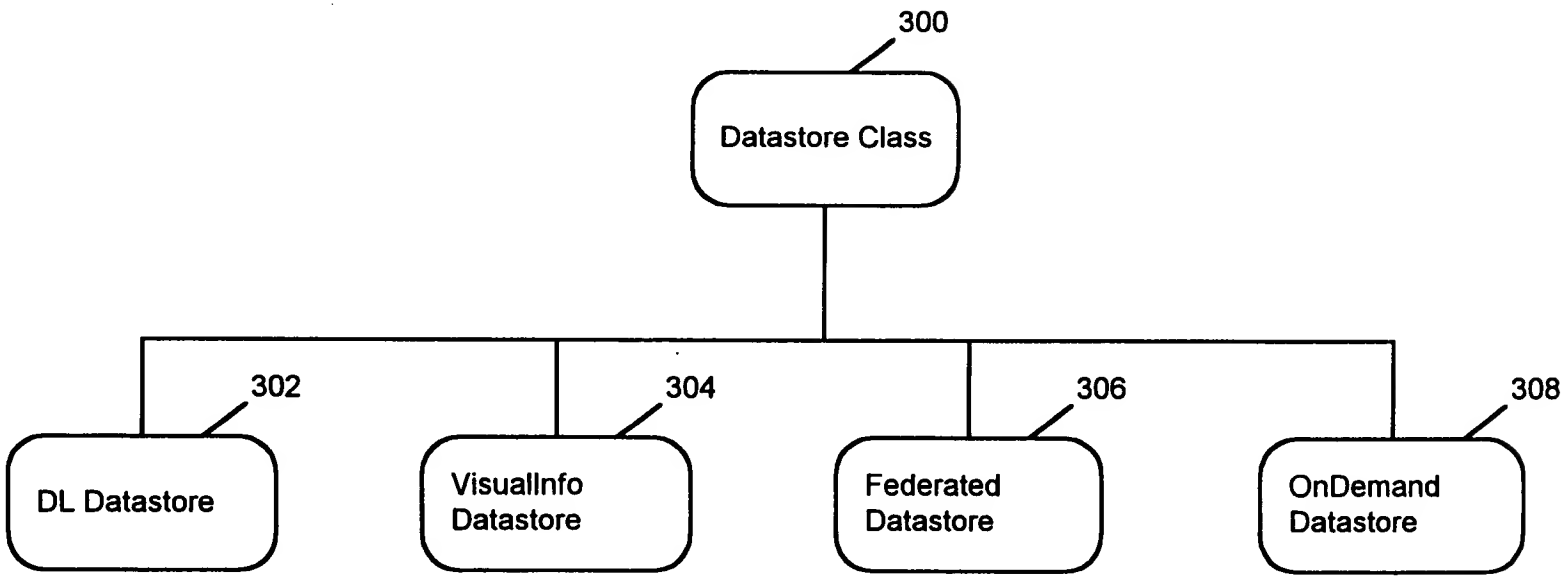

FIG. 3

09937 "69405260

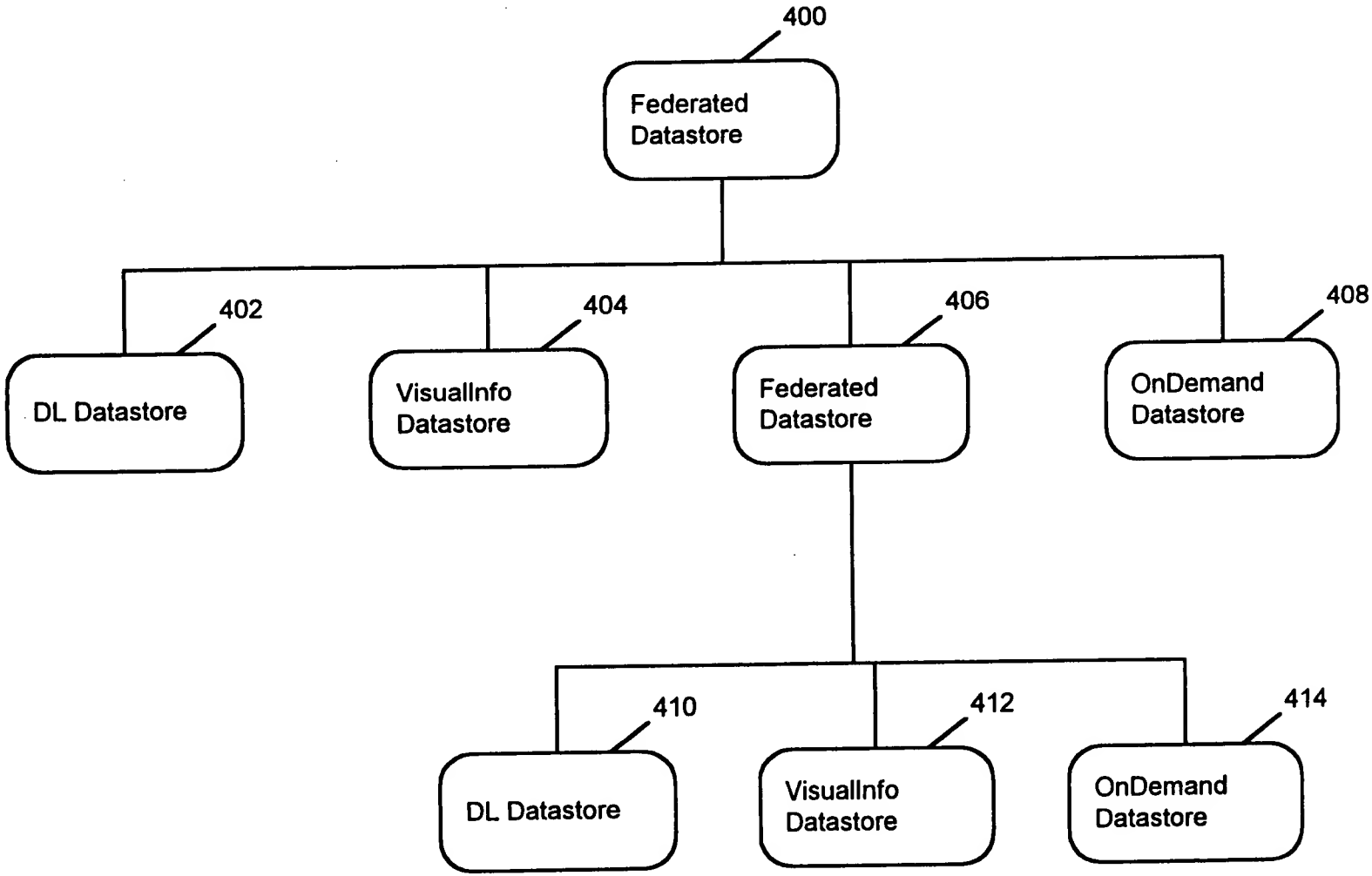

FIG. 4

09927T "69+09Z60

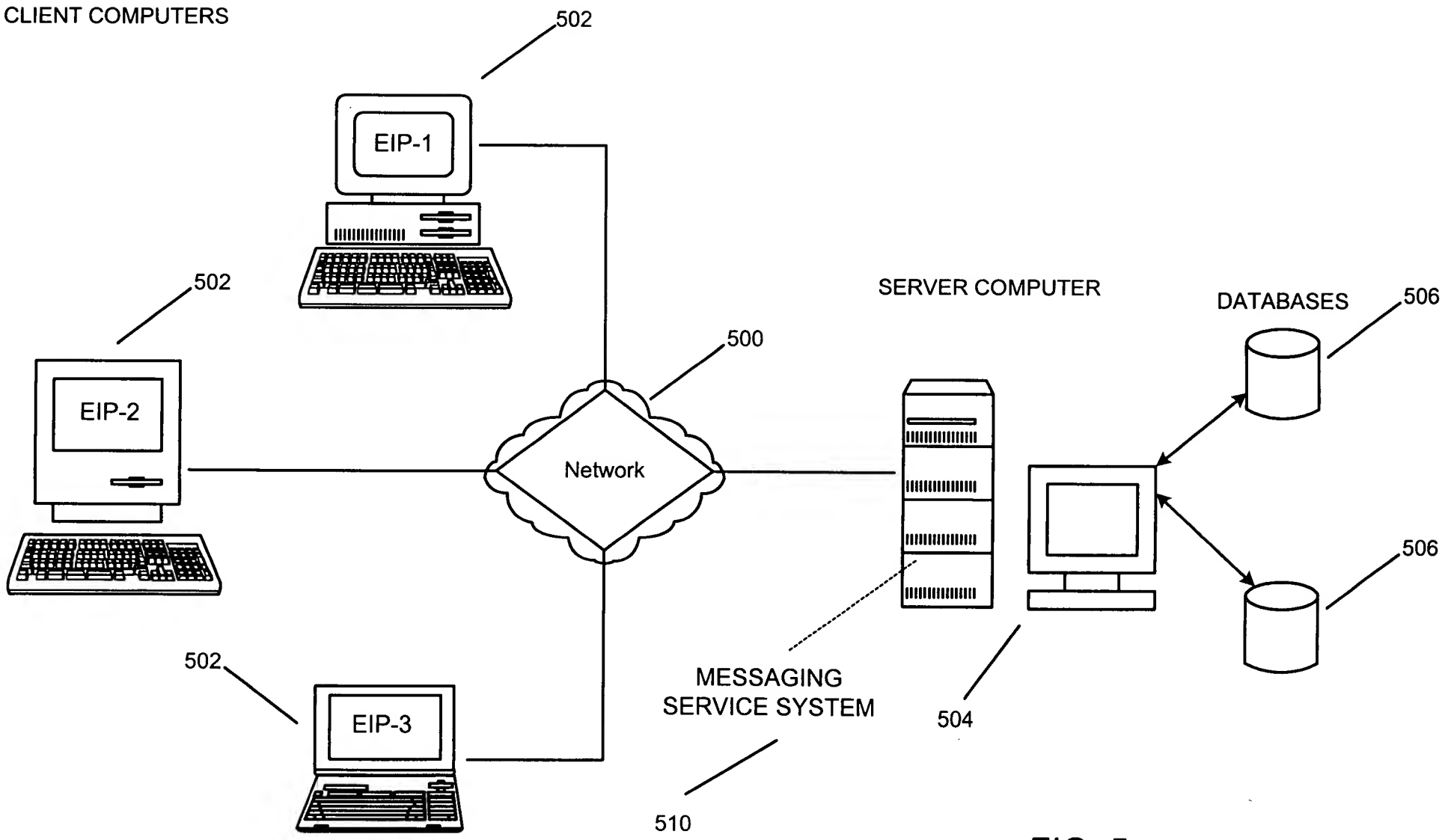

FIG. 5

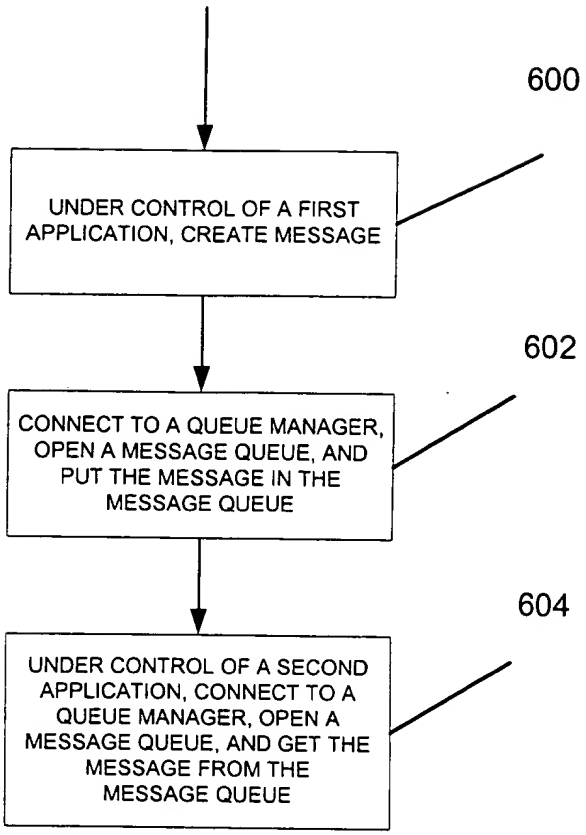
600
UNDER CONTROL OF A FIRST APPLICATION, CREATE MESSAGE
602
CONNECT TO A QUEUE MANAGER, OPEN A MESSAGE QUEUE, AND PUT THE MESSAGE IN THE MESSAGE QUEUE
604
UNDER CONTROL OF A SECOND APPLICATION, CONNECT TO A QUEUE MANAGER, OPEN A MESSAGE QUEUE, AND GET THE MESSAGE FROM THE MESSAGE QUEUE

FIG. 6